



UNITED STATES PATENT AND TRADEMARK OFFICE

8A

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767,001	01/29/2004	Hui Zhang	IDT-1856	5019
33087	7590	05/22/2007		
GLASS & ASSOCIATES P.O. BOX 1220 LOS GATOS, CA 95031-1220			EXAMINER LEE, CHRISTOPHER E	
			ART UNIT 2111	PAPER NUMBER
			MAIL DATE 05/22/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.	Applicant(s)	
	10/767,001	ZHANG ET AL.	
	Examiner	Art Unit	
	Christopher E. Lee	2111	

All participants (applicant, applicant's representative, PTO personnel):

(1) Christopher E. Lee (USPTO). (3)_____.

(2) Molly Sauter (Reg. No. 46,457). (4)_____.

Date of Interview: 17 May 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: the exemplary claim 1.


Identification of prior art discussed: Park et al. [US 5,526,508 A].

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


 CHRISTOPHER E. LEE
 PRIMARY EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Discussed the claimed invention in light of the exemplary claim 1, which has been rejected under 35 U.S.C. 103(a) as being unpatentable over AAPA in view of Park et al. In particular, the Applicants' representative argues that Park does not teach the use of a claimed subject matter "bus grant indication" because the CPU/Cache bus is a dedicated bus. However, the Examiner pointed out that the CPU/Cache bus is not a dedicated bus, but a regular shared bus because the CPU/Cache bus is clearly shared by a plurality of components, i.e., Cache, CPU, etc. in Fig. 3 of Park reference. Furthermore, the claimed subject matter "bus grant indication" is clearly taught by the primary reference AAPA, and the combination of AAPA and Park with rationale for the proper combination suggests the obviousness of the claimed invention.

The Applicants' representative discussed about a possible amendment to overcome the Park reference. However, the Examiner suggests a review of Japanese Honda Keiji reference, which has neither made of record nor relied upon the claim rejection, because it might show that the key arguing element, i.e., bypassing buffering with a bus grant indication, was known at the time the invention was made.

The Applicants' representative requests the copy of the Honda Keiji reference, and the Examiner sends a copy of the original reference with a machine translated version via FAX on 17th of May 2007.

Molly Sauter

408 358 9618

p.2

PTOL-413A (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 10/767,001 First Named Applicant: Hui Zhang
Examiner: Christopher Lee Art Unit: 2111 Status of Application: Pending

Tentative Participants:

(1) Christopher Lee (2) Molly Sauter

(3) _____ (4) _____

Proposed Date of Interview: Thursday May 17, 2007 Proposed Time: 2:30 (AM/PM)
EST

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☐ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>103(a)</u>	<u>Claims 1-24</u>	<u>AAFA and Park et al.</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Continuation Sheet Attached					

Brief Description of Arguments to be Presented:

① Park et al. do not describe the use of a bus shared with a processor the CPU/cache bus is a dedicated bus. ② Possible amendment to claims to distinguish a bus requiring a bus grant from the dedicated bus of Park et al.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Molly Sauter

Applicant/Applicant's Representative Signature

Molly Sauter

Typed/Printed Name of Applicant or Representative

46,457

Registration Number, if applicable

Examiner/SPE Signature

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.